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50X1-HUM

Brief Technical Data on the MacLaren Engine

Power	88 hp
Rpm	1,000
Cylinder diameter	142 mm
Piston stroke	200
Number of cylinders	4
Number of cycles	4
Fuel injection pressure	120 kg/sq cm
Compression pressure	39
Degree of compression	17

The station generator is provided with a 1.29 kw exciter rated at 1,500 rpm and 56 volts and driven by means of multiple V-belt transmission from the generator shaft. The generator itself is directly connected to the engine through a rigid coupling.

Characteristics of the Brash Generator

Power	50 kw
Rpm	1,000
Voltage	230/400 v
Stator current	90 amp
Power factor	0.8
Type of current	three-phase, ac

[NOTE: Original document, shows line sketch of whole unit and cross-sectional diagram of engine portion.]

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